

Title (en)

Glycolytic promoters for regulated protein expression: protease inhibitor.

Title (de)

Glycolytische Promotoren für regulierte Proteinexpression: Protease-Inhibitor.

Title (fr)

Promoteurs glycolytiques pour l'expression régulée de protéines: inhibiteur de protéase.

Publication

EP 0103409 A2 19840321 (EN)

Application

EP 83304668 A 19830812

Priority

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Abstract (en)

Promoters associated with expression of specific enzymes in the glycolytic pathway are used for expression of alien DNA, particularly yeast promoters known to provide high enzyme levels of enzymes in the glycolytic pathway are employed for expressing a mammalian protein, such as alpha-1-antitrypsin. The promoters include promoters involved in expression of pyruvate kinase, triose phosphate isomerase, phosphoglucose isomerase, phosphoglycerate mutase, hexokinase 1, hexokinase 2, glucokinase, phosphofructose kinase, and aldolase, as well as the glycolytic regulation gene. Particularly, the glycolytic regulation gene can be used in conjunction with promoters in the glycolytic pathway for regulated production of desired proteins.

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IPC 8 full level

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CPC (source: EP)

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